

**BOD5 LOG****Analysis Date:** 04/12/2018**QC BATCH ID:** LB94577**ANALYST:** Indiana**BOD Water:** WP63663**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP63664**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP63665**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP63481

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.5	8.5	8.6
WINKLER2	WINKLER 2	2	300	8.5	17.2	8.7	

Meter Calibration1 : 8.60Zero DO Reading1 : 0.15 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.60Zero DO Reading2 : 0.18 mg/L (<=0.2 Criteria)



QC BATCH ID: LB94577

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:00

TIME OUT: 11:00

DATE IN: 04/12/2018

DATE OUT: 04/17/2018

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB94577BL	1	No	7.0	N/A	19.2	300	8.59	8.58	0.01	0.01	0.01	
POLYSEED	1					10	8.49	5.47	3.02	0.6	0.57	
POLYSEED	2					15	8.45	4.56	3.89	0.52		
POLYSEED	3					20	8.43	2.47	5.96	0.6		
GGA	1					6	8.57	4.10	4.47	195	195	
GGA	2					6	8.60	3.90	4.7	206.5	206.5	
GGA	3					6	8.59	3.98	4.61	202	202	
J2342-01	1	No	5.90	N/A	18.7	0.5	8.60	7.40	-	0	433	
J2342-01	2					1	8.59	6.07	2.52	585		
J2342-01	3					2	8.55	5.92	2.63	309		
J2342-01	4					5	8.53	1.21	7.32	405		
J2342-01	5					10	8.47	0.26	-	0		
J2342-03	1	No	6.4	N/A	18.8	0.01	8.60	7.63	-	0	7230	
J2342-03	2					0.05	8.58	7.35	-	0		
J2342-03	3					0.1	8.57	5.59	2.98	7230		
J2342-03	4					0.5	8.56	0.37	-	0		
J2342-03	5					1	8.54	0.21	-	0		
J2366-01	1	No	6.4	N/A	18.8	5	8.56	6.13	2.43	111.6	111.6	
J2366-01	2					10	8.29	0.28	-	0		
J2366-01	3					50	7.80	0.20	-	0		
J2366-01	4					100	6.45	0.18	-	0		
J2366-02	1	No	6.4	N/A	18.8	5	8.51	5.13	3.38	168.6	138.75	
J2366-02	2					10	8.47	4.27	4.2	108.9		
J2366-02	3					50	7.77	0.22	-	0		
J2366-02	4					100	6.27	0.17	-	0		
J2366-02DUP	1	No	6.4	N/A	18.8	5	8.50	5.15	3.35	166.8	137.85	
J2366-02DUP	2					10	8.45	4.25	4.2	108.9		
J2366-02DUP	3					50	7.75	0.23	-	0		
J2366-02DUP	4					100	6.25	0.14	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

LB 94577

WorkList Name : BOD5041218

WorkList ID : 110716

Date : 4/12/2018 2:53:26 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/13/2018	Water	J2342-01	BOD5	Cool 4 deg C	HOLL01	N51	EFFLUENT	04/11/2018	SM5210 B
04/13/2018	Water	J2342-03	BOD5	Cool 4 deg C	HOLL01	N51	INFLUENT	04/11/2018	SM5210 B
04/13/2018	Water	J2366-01	BOD5	Cool 4 deg C	TULL01	N42	001M-WILLETS-PT-BLVD(API	04/11/2018	SM5210 B
04/13/2018	Water	J2366-02	BOD5	Cool 4 deg C	TULL01	N42	002M-35TH-AVE(APR)	04/11/2018	SM5210 B

Date/Time 04/17/18 15:10
 Received by: ES
 Relinquished by: CS

Date/Time 04/17/18 16:25
 Received by: CS
 Relinquished by: ES